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NOTICE OF ALLOWANCE AND FEE(S) DUE

22500

7590

10/01/2008

BAE SYSTEMS PO BOX 868 NASHUA, NH 03061-0868 EXAMINER
PIHULIC, DANIEL T
ART UNIT PAPER NUMBER

3662 DATE MAILED: 10/01/2008

	APPLICATION NO.	APPLICATION NO. FILING DATE FIRST NAM		ATTORNEY DOCKET NO.	EY DOCKET NO. CONFIRMATION NO.		
Ī	10/589.322	08/14/2006	Paul D. Zemany	20040114	6065		

10/589,322 08/14/2006 Paul D. Zemany 20040114 60

TITLE OF INVENTION: MULTIPLE FREQUENCY THROUGH-THE-WALL MOTION DETECTION AND RANGING USING A DIFFERENCE-BASED ESTIMATION TECHNIQUE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	01/02/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where n

maintenance fee notificat CURRENT CORRESPONDE		ock 1 for any change of address)		Fee(s) Transmittal. This o	certifi oaper,	can only be used for cate cannot be used for such as an assignment ling or transmission.	or any oth	ner accompanying
BAE SYSTEM PO BOX 868 NASHUA, NH (/2008		I her State addre trans	eby certify that this	Fee(s	of Mailing or Transı) Transmittal is being icient postage for firs (SSUE FEE address) 273-2885, on the da	deposite	d with the United ail in an envelope r being facsimile ted below.
									(Depositor's name)
									(Signature)
									(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR	Α	TTOI	RNEY DOCKET NO.	CONFI	RMATION NO.
10/589,322	08/14/2006		Paul D. Zemany				20040114		6065
TITLE OF INVENTI			jH-THE-WALL М	ЮП	ON DETECTION	AN	D RANGING US	ING A	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSUE F	EE	TOTAL FEE(S) DUE		DATE DUE
nonprovisional	NO	\$1440	\$300		\$0		\$1740	1	01/02/2009
EXAM	INER	ART UNIT	CLASS-SUBCLASS						
PIHULIC, I	DANIEL T	3662	342-022000						
"Fee Address" indi PTO/SB/47; Rev 03-0 Number is required.	ed. Use of a Customer	registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.							
recordation as set forth (A) NAME OF ASSIC	ess an assignee is identi n in 37 CFR 3.11. Comp GNEE	ified below, no assignee bletion of this form is NO	data will appear on the Ta substitute for filing (B) RESIDENCE: (C	he pa	ttent. If an assignee tssignment. and STATE OR CO	UNT	RY)		
Please check the appropri							on or other private gro		
4a. The following fee(s) a Issue Fee Publication Fee (N Advance Order - #	permitted)	 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 							
	s SMALL ENTITY statu	is. See 37 CFR 1.27.					TTY status. See 37 CF		
NOTE: The Issue Fee and interest as shown by the r	records of the United Sta	tes Patent and Trademark	Office.	ian u	ie applicant, a registe	areu a	ttorney of agent, of th	e assigne	e of other party in
Authorized Signature					Date				
Typed or printed name					_				
This collection of inform an application. Confident submitting the completed this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	iality is governed by 35 I application form to the ons for reducing this but irginia 22313-1450. DC	U.S.C. 122 and 37 CFR	1.14 This collection is	s esti	mated to take 12 mi	nutes	to complete includin	g gatherii	ng preparing and

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

OMB 0651-0033

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/589,322	08/14/2006	Paul D. Zemany	20040114	6065		
22500 75	590 10/01/2008		EXAM	INER		
BAE SYSTEMS			PIHULIC, DANIEL T			
PO BOX 868			ART UNIT	PAPER NUMBER		
NASHUA, NH 03	061-0868		3662			
			DATE MAILED: 10/01/2008			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 6 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 6 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
Notice of Allowability	10/589,322 Examiner	ZEMANY ET AL. Art Unit	
·	D D'' ''	0000	
	Dan Pihulic	3662	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED) or other appropriate comi RIGHTS. This application is	in this application. If not included nunication will be mailed in due course	
1. \boxtimes This communication is responsive to <u>the communication responsive</u>	<u>received on 9-19-08</u> .		
2. X The allowed claim(s) is/are <u>1-3,5-11,14-16 and 18</u> .			
 3. Acknowledgment is made of a claim for foreign priority unally all blue blue blue blue blue blue blue bl	, , .) or (f).	
2. Certified copies of the priority documents hav	e been received in Applica	tion No	
3. Copies of the certified copies of the priority do	ocuments have been receiv	ed in this national stage application fro	om the
International Bureau (PCT Rule 17.2(a)).		•	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		ile a reply complying with the requirem	nents
4. A SUBSTITUTE OATH OR DECLARATION must be subminFORMAL PATENT APPLICATION (PTO-152) which give			E OF
5. CORRECTED DRAWINGS (as "replacement sheets") mu	ıst be submitted.		
(a) ☐ including changes required by the Notice of Draftsper	rson's Patent Drawing Revi	ew (PTO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	_•		
(b) ☐ including changes required by the attached Examiner Paper No./Mail Date	's Amendment / Comment	or in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			of
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 			ne
Attachment(s)	E □ Notice of	Informal Detant Application	
 Notice of References Cited (PTO-892) D Notice of Draftperson's Patent Drawing Review (PTO-948) 		Informal Patent Application	
 Information Disclosure Statements (PTO/SB/08), 	Paper No	Summary (PTO-413), b./Mail Date 's Amendment/Comment	
Paper No./Mail Date			•
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	_	's Statement of Reasons for Allowance	3
(Dan Bibulia)	9. Other	 	
/Dan Pihulic/ Primary Examiner, Art Unit 3662	i elepnone No	o. 571-272-6977	